# LOT5T110Y/480/D10





Specification grade area lights available in IES Type V distributions. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings. Best-in-class 5-G vibration rating. 5-year warranty.

Color: Bronze Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	110W	
120V:	N/A	Color Temp:	3000K	
208V:	N/A	Color Accuracy:	72 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	12,334	
Input Watts:	114W	Efficacy:	108 LPW	
Efficiency:	96%			

## **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations.

### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

### Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaries that minimize glare, reduce light trespass, and don't pollute the night sky.

## Electrical

#### Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.26A

#### THD:

14.2% at 480V

## Power Factor:

92.3% at 480V

### **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

### **Surge Protection:**

4kV

### Optical

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Construction

#### **IES Classification:**

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings.

### **Effective Projected Area:**

EPA = 0.8

### **Vibration Rating:**

Industry-leading 5G vibration rating per ANSI C136.31.

### **Cold Weather Starting:**

Minimum starting temperature is -40° F (-40° C)

#### **Ambient Temperature:**

Suitable for use in  $104^{\circ}$  F ( $40^{\circ}$  C) ambient temperatures.

### Housing:

Precision die-cast aluminum housing.

### Mounting:

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

### Lens:

Clear acrylic lens with integrated optics

### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Gaskets:

High temperature silicone gaskets.

#### Finish:

Formulated for high-durability and long lasting color.

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### **LED Characteristics**

#### LEDs:

Long-life, high-efficiency surface mount LEDs

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

# Other

#### 5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.



# **Technical Specifications (continued)**

Other

### Replacement:

Replaces up to 250W Metal Halide.

### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

### **Buy American Act Compliant:**

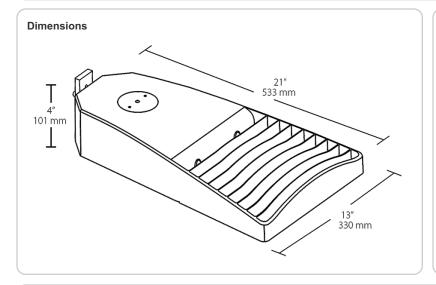
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.



# Features

Lightweight design and low EPA minimize pole load

Best-in-class 5-G vibration rating

100,000-hour LED lifespan

5-year warranty

dering Matrix								
amily	IES Type	Wattage	Color Temp	Finish	<b>Driver Options</b>	Mounting	Sensor Options	
_OT	5T	110	Υ		/480/D10			
	<b>5T</b> = Type V	160 = 160W 110 = 110W 65 = 65W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming (standard) /480/D10 = 480V, 0-10V Dimming	Blank = Mounts to RAB square poles /UPA = Universal Pole Adaptor	Blank = None  /PCT = 120-277V Twistlock PC  /PCT4 = 480V Twistlock PC  /WS2 = Wattstopper Sensor + 20ft le 120-277V  /WS4 = Wattstopper Sensor + 40ft le 120-277V	
							/5PR = 5-Pin Receptacle, no PCT /7PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120-277\	